

Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書



下記の氏名の発明者として、私は以下の通り宣言します。

As a below named inventor, I hereby declare that:

私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者（下記の名称が複数の場合）であると信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled.

SURFACE-EMISSION LASER DIODE OPERABLE IN THE  
WAVELENGTH BAND OF 1.1-1.7 $\mu$ m AND OPTICAL  
TELECOMMUNICATION SYSTEM USING SUCH A  
LASER DIODE

the specification of which

上記発明の明細書は、

☐ 本書に添付されています。

☐ is attached hereto.

☐ \_\_\_\_月\_\_\_\_日に提出され、米国出願番号または特許協定条約国際出願番号を\_\_\_\_とし、  
(該当する場合) \_\_\_\_に訂正されました。

☒ was filed on February 26, 2002  
as United States Application Number or  
PCT International Application Number  
10/085,204 and was amended on  
\_\_\_\_ (if applicable).

私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編第1条56項に定義されたとおり、特許資格の有無について重要な情報を開示する義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

Handwritten musical notation for the first system of 'The Rose Tree'. It features a treble clef, a key signature of one flat (B-flat), and a 2/4 time signature. The melody is written on a five-line staff with various note values including eighth and sixteenth notes, and rests. The notation is in a cursive, handwritten style.

I hereby claim foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Claimed  
優先權主張

<input type="checkbox"/>	<input type="checkbox"/>
Yes	No
はい	いいえ
<input type="checkbox"/>	<input type="checkbox"/>
Yes	No
はい	いいえ

<input type="checkbox"/>	<input type="checkbox"/>
Yes	No
はい	いいえ

<input type="checkbox"/>	<input type="checkbox"/>
Yes	No
はい	いいえ

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Filing Date)  
(出願日)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

(Status: Patented, Pending, Abandoned)  
(現況：特許許可済、係属中、放棄済)

(Status: Patented, Pending, Abandoned)  
(現況：特許許可済、係属中、放棄済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

### Prior Foreign Applications

Priority  
Claimed

Patent Application  
No. 2001-050083  
(Number)

Japan  
(Country)

26/February/2001  
(Day/Month/Year filed)

Yes

Patent Application  
No. 2001-050145  
(Number)

Japan  
(Country)

26/February/2001  
(Day/Month/Year filed)

Yes

Patent Application  
No. 2001-050171  
(Number)

Japan  
(Country)

26/February/2001  
(Day/Month/Year filed)

Yes

Patent Application  
No. 2001-051253  
(Number)

Japan  
(Country)

26/February/2001  
(Day/Month/Year filed)

Yes

Patent Application  
No. 2001-051256  
(Number)

Japan  
(Country)

26/February/2001  
(Day/Month/Year filed)

Yes

Patent Application  
No. 2001-051266  
(Number)

Japan  
(Country)

26/February/2001  
(Day/Month/Year filed)

Yes

Patent Application  
No. 2001-053190  
(Number)

Japan  
(Country)

27/February/2001  
(Day/Month/Year filed)

Yes

Patent Application  
No. 2001-053200  
(Number)

Japan  
(Country)

27/February/2001  
(Day/Month/Year filed)

Yes

Patent Application  
No. 2001-053213  
(Number)

Japan  
(Country)

27/February/2001  
(Day/Month/Year filed)

Yes

Patent Application  
No. 2001-053218  
(Number)

Japan  
(Country)

27/February/2001  
(Day/Month/Year filed)

Yes

<u>Patent Application No.2001-053225</u> (Number)	<u>Japan</u> (Country)	<u>27/February/2001</u> (Day/Month/Year filed)	Yes
<u>Patent Application No.2001-073767</u> (Number)	<u>Japan</u> (Country)	<u>15/March/2001</u> (Day/Month/Year filed)	Yes
<u>Patent Application No.2001-090711</u> (Number)	<u>Japan</u> (Country)	<u>27/March/2001</u> (Day/Month/Year filed)	Yes
<u>Patent Application No.2002-019748</u> (Number)	<u>Japan</u> (Country)	<u>29/January/2002</u> (Day/Month/Year filed)	Yes
<u>Patent Application No.2002-033590</u> (Number)	<u>Japan</u> (Country)	<u>12/February/2002</u> (Day/Month/Year filed)	Yes
<u>Patent Application No.2002-050548</u> (Number)	<u>Japan</u> (Country)	<u>26/February/2002</u> (Day/Month/Year filed)	Yes

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POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: *(list name and registration number)*



**Send Correspondence to:**



Direct Telephone Calls to: (name and telephone number)  
(703) 413-3000

(第三以降の共同発明者についても同様に記載し、署名すること) (Supply similar information and signature for third and subsequent joint inventors.)

(日本語宣言書)

第三の共同発明者の氏名	Full name of third joint inventor, if any MASAYOSHI KATOH
第三の共同発明者の署名 日付	Third joint Inventor's signature <i>Masayoshi Katoh</i> Date <i>April. 4. 2002</i>
住所	Residence Kanagawa, Japan
国籍	Citizenship Japan
郵便の宛先	Post Office Address c/o RICOH COMPANY, LTD.,
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第四の共同発明者の氏名	Full name of fourth joint inventor, if any TERUYUKI FURUTA
第四の共同発明者の署名	Fourth joint Inventor's signature <i>Teruyuki Furuta</i>
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第五の共同発明者の氏名	Full name of fifth joint inventor, if any KAZUYA MIYAGAKI
第五の共同発明者の署名	Fifth joint Inventor's signature <i>Kazuya Miyagaki</i>
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第六の共同発明者の氏名	Full name of sixth joint inventor, if any KEN KANAI
第六の共同発明者の署名	Sixth joint Inventor's signature <i>Ken Kanai</i>
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国籍	Citizenship Japan
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(第六またはそれ以降の共同発明者に対しても同様な情報および署名を提供すること。)

(Supply similar information and signature for third and subsequent joint inventors.)

[illegible]

第六の共同発明者の氏名	Full name of <del>sixth</del> <sup>tenth</sup> joint inventor, if any SATORU SUGAWARA
第六の共同発明者の署名	Sixth joint Inventor's signature <i>Satoru Sugawara</i>
住所	Residence Miyagi, Japan
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(Supply similar information and signature for third and subsequent joint inventors.)

Japanese Language Declaration  
(日本語宣言書)

第三の共同発明者の氏名	Full name of <sup>eleventh</sup> joint inventor, if any SHINJI SATOH
第三の共同発明者の署名	Third joint inventor's signature <i>Shinji Satoh</i>
住所	Residence Kanagawa, Japan
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第四の共同発明者の氏名	Full name of <sup>twelfth</sup> joint inventor, if any SHUICHI HIKICHI
第四の共同発明者の署名	Fourth joint inventor's signature <i>Shuichi Hikichi</i>
住所	Residence Miyagi, Japan
国籍	Citizenship Japan
郵便の宛先	Post Office Address c/o RICOH COMPANY, LTD., 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555, Japan

第五の共同発明者の氏名	Full name of <sup>thirteenth</sup> joint inventor, if any NAOTO JIKUTANI
第五の共同発明者の署名	Fifth joint inventor's signature <i>Naoto Jikutani</i>
住所	Residence Kanagawa, Japan
国籍	Citizenship Japan
郵便の宛先	Post Office Address c/o RICOH COMPANY, LTD., 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555, Japan

第六の共同発明者の氏名	Full name of <sup>fourteenth</sup> joint inventor, if any TAKASHI TAKAHASHI
第六の共同発明者の署名	Sixth joint inventor's signature <i>Takashi Takahashi</i>
住所	Residence Miyagi, Japan
国籍	Citizenship Japan
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(第六またはそれ以降の共同発明者に対しても同様な情報および署名を提供すること。)

(Supply similar information and signature for third and subsequent joint inventors.)



Japanese Language Declaration  
(日本語宣言書)

第三の共同発明者の氏名	Full name of <sup>fifteenth</sup> joint inventor, if any AKIHIRO ITOH	
第三の共同発明者の署名	日付	Third joint Inventor's signature Akihiro Itoh Date April 12, 2002
住所	Residence Miyagi, Japan	
国籍	Citizenship Japan	
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第四の共同発明者の氏名	Full name of fourth joint inventor, if any	
第四の共同発明者の署名	日付	Fourth joint Inventor's signature Date
住所	Residence	
国籍	Citizenship	
郵便の宛先	Post Office Address	

第五の共同発明者の氏名	Full name of fifth joint inventor, if any	
第五の共同発明者の署名	日付	Fifth joint Inventor's signature Date
住所	Residence	
国籍	Citizenship	
郵便の宛先	Post Office Address	

第六の共同発明者の氏名	Full name of sixth joint inventor, if any	
第六の共同発明者の署名	日付	Sixth joint Inventor's signature Date
住所	Residence	
国籍	Citizenship	
郵便の宛先	Post Office Address	

(第六またはそれ以降の共同発明者に対しても同様な情報および署名を提供すること。)

(Supply similar information and signature for third and subsequent joint inventors.)